Akash

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🪪 Summary

Proficient Python Backend Developer with expertise in **Django, FastAPI, and database management**. Experienced in building **scalable and high-performance web applications** with a focus on **RESTful APIs and efficient data handling**. Skilled in **automated testing, authentication, and API integrations** to ensure secure and reliable application functionality. Committed to **best coding practices, performance optimization, and delivering maintainable web solutions**. Passionate about designing **efficient system architectures and leveraging cloud services for deployment and scaling**.

💼 Experience

Python Developer   2023/12
DroidShift Pvt. Ltd.   Delhi

- **Developed and optimized backend services** by designing and implementing **RESTful APIs using Django**, improving application performance and scalability.
- **Integrated third-party APIs and analytics SDKs** (Appsflyer, Adjust, Kochava) into backend systems, automating data collection and reducing manual effort.
- **Enhanced backend efficiency** by implementing **database-driven features**, optimizing queries, and ensuring seamless data flow between services.
- **Improved application reliability** by **analyzing network traffic (Fiddler)** and debugging API interactions, leading to better performance and issue resolution.
- **Collaborated with cross-functional teams** to identify and fix backend issues, reducing bug resolution cycles and improving overall system stability.

📂 Projects

Krishi Kalyaan Portal

- Developed a web application to assist users in identifying suitable crops for cultivation based on **soil composition, humidity, rainfall, and other environmental factors**.

Artistic Kraft

- Created a project leveraging **OpenAI's DALL-E model** and **Django framework** to generate images in real time based on user-provided text prompts.
- Used **Tailwind CSS** for the beautiful UI

Spotify Dashboard

- Designed interactive dashboards using **Power BI** to visualize key metrics such as **most-listened tracks, genre distribution, and top charts of artists and songs**.

PDF bot

- Developed a **Slack bot** integrated with Django to answer queries based on **Django documentation**.
- Utilized **OpenAI for NLP, Llama Index** to enhance response accuracy.and Cloudflare & ngrok for secure tunneling of localhost.

Article Web App

- Built a **content management web application** using **Django, PostgreSQL, and Tailwind CSS**, enabling users to create, edit, and manage articles. Deployed with **Docker** for a scalable and containerized setup.

🧠 Skills

- Python
- Data Analytics
- Restful API
- Backend development
- MySQL
- Git
- Pandas
- RestAPI
- Django
- Object Oriented Programming
- Numpy
- Power BI
- Machine Learning
- Fast API

🎓 Education

Bachelor of Technology (CSE) 2019 – 2023
Atal Bihari Vajpayee Govt. Institute of Engineering & Technology Shimla
  Scored CGPA: 8.28

HSC (CBSE) 2019
Dehradun Public School Ghaziabad

📑 Certificates

Google Data Analytics **Machine Learning from Stanford University**
  Coursera Coursera

Python **Data Science with Python**
  Coursera Ducat IT Training School

📚 Courses

Data Science (Python) Noida
Ducat India
- Attending this course at Ducat India, covering Python, MySQL, statistics, and advanced data analysis.
- Gained knowledge of Pandas, NumPy, Machine Learning, different algorithms.
- Developed expertise in applying diverse data science methodologies, enhancing problem-solving abilities in world scenarios.